BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of the work: Estimate for Emergency Grants Works in Ward No 03, Attur.

								Est Cost:	1700000.00
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 143 / Item No. 19.1. PWD SR 2018-19**	Cum							
	Desilting of drains		2	158.00	0.45	0.45	63.99		
			2	140.00	0.45	0.45	56.70		
	Basic Rate	130.00					120.69	250.24	30202.00
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	68.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 Tonne / km = 38.08	38.08							
		236.08							
	Area Weightage @ 6%	14.16							
	Total	**250.24**							
2	KSRB 2-1.1 : Earthwork in surface excavation in **ordinary soil** for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 **Page No. 6 / Item No. 2.1 of PWD SR 2018-19**	Cum							
	Berm Cutting		2	158.00	0.60	0.20	37.92		
			2	140.00	0.60	0.20	33.60		
	Basic Rate	249.00					71.52	376.38	26919.00
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	68.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 Tonne / km = 38.08	38.08							
		355.08							
	Area Weightage @ 6%	21.30							
	Total	**376.38**							
3	KSRB 4-1.6 ; Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation, plinth and cills,** ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. **Page No.13, Item No. 4.6 PWD SR 2018-19**	Cum							
	Vent Concrete		2	158.00	0.45	0.10	14.22		
			2	140.00	0.45	0.10	12.60		
	Basic Rate	5422.00					26.82	5747.32	154143.00
	Area Weightage @ 6%	325.32							
	Total	**5747.32**							

	Description	Unit	No.	L	B	D	Qty	Rate	Amount
4	Providing and laying **cement concrete** using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete **(RMC) M 20** for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, **for raft foundation column footing , main and secondary beams** with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) **Page No. 18, Item No. 4.48, PWD SR 2018-19**	Cum							
	Drain Repair Side Wall								
			4	158.00	0.15	0.20	18.96		
			4	140.00	0.15	0.20	16.80		
	Basic Rate	5444.00					**35.76**	5770.64	**206358.00**
	Area Weightage @ 6%	326.64							
	Total	**5770.64**							
5	KSRB 4.9.2 : Providing **T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - **TMT bars Fe 500 Page No. 18 / Item No. 4.46.2, PWD SR 2018-19**	Tonne							
	For RCC Drain @ 60 Kg / Cum		0.06	35.76			**2.15**	75223.96	**161401.00**
	Basic Rate	70966.00							
	Area Weightage @ 6%	4257.96							
	Total	**75223.96**							
6	KSRB 4-6.4 : Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for **vertical surface such as walls at any thickness**, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No. 16 / Item No. 4.31 PWD SR 2018-19**	Sqm							
	Side Wall								
			2x4	158.00		0.20	252.80		
			2x4	140.00		0.20	224.00		
	Basic Rate	358.00					**476.80**	379.48	**180936.00**
	Area Weightage @ 6%	21.48							
	Total	**379.48**							

Sl No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
7	Providing **precast slab of 100mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge - Data rate	Sqm							
			2	158.00	0.90	0.60	170.64		
			2	140.00	0.90	0.60	151.20		
							321.84	2337.00	**752140.00**
							Sub Total		**1512099.00**
							GST Charges 12%		**181451.88**
	Miscellaneous and unforeseen charges	LS							**6449.12**
								Total	**1700000.00**

(Rupees seventeen lakhs only)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2018-19.
3 This work included under 2018-19 POW.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 03

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Satellite Town Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Division

TECHNICALLY SANCTIONED FOR Rs. 17.00 Lakhs
Rupees ..... seventeen lakhs only .....
Under ..... P 1771 2018-19 .....
Registered as CE ( ) No. 9 9
Subject to conditions contained in enclosed memo EE ( ) ..... /9/
Dt ..... Sanctioned
EE/TS/ /2019-20 ..... No. .....
Dated 24-7-2019 ..... Rs. 17.00 Lakhs.

Executive Engineer

Administrative Approval

Accorded For Rs. 17.00 lakhs only
Head of A/C ... P 1771 ...
CER NO : ... 236 ... Dt. 07.03.2019

TA CE (YNK)

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 3- ATTURU

NOTIFICATION NO. UDD 59 MLR 2009 DATE. 15.07.09

ಸಹಾಯಕ ಕಂದಾಯಾಧಿಕಾರಿ ಕಛೇರಿಯಿಂದ
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗಾಧಿಕಾರಿ,
ಜಿ.ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106